

VIA E-Mail
RETURN RECEIPT REQUESTED

May 12, 2017

Ms. Beverley Carver
Department of Environmental Quality
Valley Regional Office
4411 Early Road
Harrisonburg, VA 22801

RE: Dominion Bremo Power Station VA0004138
Weekly Discharge Monitoring and Site Activity Report

Ms. Carver:

Dominion is submitting this letter in accordance with Part I.A.9.h. of the subject permit. Information related to discharge sampling activities for Outfall 504 conducted during the week of April 30 – May 6, 2017 is included on the enclosed Weekly Compliance Sampling Summary. There was no discharge from Outfalls 501, 502, 503, or 505 during this period. In addition to the Weekly Compliance Sampling Summary this submission includes a status report summarizing the activities related to the CCR Surface Impoundment Closure Project and the monthly Enhanced Metals Treatment Log for April.

If you have any questions or need additional information, please contact Taylor Engen at 434-842-4104.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



William Reed
Director, Power Generation Station II

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name:
Permit Number:
Outfall Number:

Bremo Power Station
VA0004138
504

Sample Week: 4/30/17 - 5/6/17
Report Due Date: May 12, 2017

Parameter	Sample Date			5/1/2017		5/3/2017		5/5/2017	
	Units	Permit QL	Daily Maximum Limitation	Result	Result	Result	Result	Result	Result
Estimated Flow	MGD	-	-	0.594		0.444		0.734	
pH	S.U.	NA	9.0	7.3		7.6		7.5	
Total Suspended Solids	mg/L	1.0	100.0	< QL		< QL		< QL	
Oil & Grease	mg/L	5.0	20.0	< QL		< QL		< QL	
Antimony, Total Recoverable	ug/L	5.0	2,100	< QL		< QL		< QL	
Arsenic, Total Recoverable	ug/L	5.0	530	56.6		9.4		23.1	
Cadmium, Total Recoverable	ug/L	1.0	3.2	< QL		< QL		< QL	
Chromium III, Total Recoverable	ug/L	5.0	220	< QL		< QL		< QL	
Chromium VI, Total Recoverable	ug/L	5.0	34	< QL		< QL		< QL	
Copper, Total Recoverable	ug/L	5.0	23	< QL		< QL		< QL	
Lead, Total Recoverable	ug/L	5.0	35	< QL		< QL		< QL	
Mercury, Total Recoverable	ug/L	0.1	2.8	< QL		< QL		< QL	
Nickel, Total Recoverable	ug/L	5.0	57	< QL		< QL		< QL	
Selenium, Total Recoverable	ug/L	5.0	18	< QL		< QL		< QL	
Silver, Total Recoverable	ug/L	0.4	5.0	< QL		< QL		< QL	
Thallium, Total Recoverable	ug/L	1.0	1.4	< QL		< QL		< QL	
Zinc, Total Recoverable	ug/L	25	210	< QL		< QL		< QL	
Chloride	mg/L	10	820	22.0		142		77.5	
Ammonia-N	mg/L	0.20	14	< QL		< QL		< QL	
Hardness	mg/L	NA	NL	343		332		288	

Notes:

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. pH values are measured in the field.

Analytical results below the permit Quantification Level (QL) are to be reported as "<QL," as required in Section I.C.2 of the Permit

QL = Quantification Level

NA = Not Applicable

NL = No Limitation, monitoring required

ND = No Discharge during monitoring period

Dominion – Bremo Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 5/6/2017

- 5.4 MG Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002.
- 5.52 MG Stormwater Management Pond water was filtered and discharged via Outfall 002.

Ongoing Activities

- Transport of material from the West and East Ponds to the North Pond.
- Pumping of Metals Pond sediment dewatering water to the CSWTS.
- Installation of wells and headers in the North and East Ponds.
- Pumping of water (filtered) from the Stormwater Management Pond to Outfall 002.
- Discharge of CSWTS-treated water to Outfall 002.
- Confirmation of no discharge at Outfall 004.

Look Ahead

- Demolition of the concrete basin adjacent to the Outfall 004 concrete vault and the steel pipeline that ends at the concrete basin.
- Demolition of the Outfall 004 concrete vault, which contains the outfall's weir. Decommissioning of the weir will constitute retirement of the outfall.
- Sealing of the steel pipe that exits the Outfall 004 vault.
- Provide notification to DEQ within 7 days of Outfall 004 retirement in accordance with Condition I.G.20 of the VPDES permit. This notification will be made within 7 days of decommissioning the outfall weir as described above.

Date	Bremo Power Station Enhanced Metals Treatment Log - April 2017		
	ON (Time)	OFF (Time)	Reason(s) for Enhanced Treatment Activation
1-Apr	X		
2-Apr	X		
3-Apr	X		
4-Apr		X (11:00)	
5-Apr		X	
6-Apr		X	
7-Apr		X	
8-Apr		X	
9-Apr		X	
10-Apr		X	
11-Apr		X	
12-Apr	X (20:10)		EMT ON due to Selenium trigger value being reached.
13-Apr		X (01:50)	EMT OFF after all parameters below trigger levels for 3 consecutive S1 samples.
14-Apr		X	
15-Apr		X	
16-Apr		X	
17-Apr		X	
18-Apr	X (19:40)		EMT ON due to Selenium trigger value being reached.
19-Apr	X (22:05)	X (04:00)	EMT OFF 0400 after all parameters below trigger levels for 3 consecutive S1 samples. EMT ON 2205 due to Copper trigger value being reached.
20-Apr	X (16:05)	X (03:50)	EMT OFF 0350 after all parameters below trigger levels for 3 consecutive S1 samples. EMT ON 1605 due to Selenium trigger value being reached.
21-Apr	X (14:53) X (19:30)	X (07:00) X (17:50)	EMT OFF 0700 after all parameters below trigger levels for 3 consecutive S1 samples. EMT ON 1453 due to selenium trigger value being reached. EMT OFF 1750 CSWTS and EMT shutdown due to severe weather in the area. EMT ON 1930 upon system restart due to weather shutdown. EMT was engage prior to shutdown. EMT was engaged upon system restart.
22-Apr		X (04:00)	EMT OFF after all parameters below trigger levels for 3 consecutive S1 samples.
23-Apr		X	
24-Apr	X (19:00)		EMT ON due to Selenium trigger value being reached.
25-Apr		X (16:29)	EMT OFF after all parameters below trigger levels for 3 consecutive S1 samples.
26-Apr		X	
27-Apr		X	
28-Apr		X	
29-Apr		X	
30-Apr		X	

NOTES: 1) All On/Off times are approximate